Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008784.D
Acq On : 09 Apr 2019 20:29
Operator : JC/SP
Sample : PB118700TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 10 06:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141479	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.24%			
35) Dibromofluoromethane	5.50	113	104363	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.38%			
50) Toluene-d8	8.71	98	435558	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.94%			
62) 4-Bromofluorobenzene	11.13	95	145863	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.44%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	336	Below Cal	#	87
5) Bromomethane	1.66	94	268	2.045	ug/l	100
6) Chloroethane	1.66	64	103	Below Cal	#	56
10) Methyl Iodide	2.52	142	208	4.093	ug/l #	88
11) Tert butyl alcohol	3.04	59	608	0.847	ug/l #	93
13) Acrolein	2.29	56	221	0.621	ug/l	84
16) Acetone	2.44	43	15019	8.500	ug/l	100
17) Carbon Disulfide	2.57	76	1157	Below Cal		98
18) Methyl Acetate	2.78	43	3015	0.704	ug/l	98
20) Methylene Chloride	2.86	84	7346	2.484	ug/l	98
25) 2-Butanone	4.69	43	3059	1.095	ug/l #	88
28) Bromochloromethane	5.02	49	199	Below Cal	#	22
29) Tetrahydrofuran	5.14	42	1709	0.922	ug/l	95
31) Cyclohexane	5.65	56	4372	0.825	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16884	4.466	ug/l #	50
38) Carbon Tetrachloride	5.67	117	19989	6.388	ug/l #	17
43) Isopropyl Acetate	6.45	43	12975	1.641	ug/l	97
48) Methyl methacrylate	7.68	41	8094	2.024	ug/l #	18
49) 1,4-Dioxane	7.87	88	263	3.511	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	100569	19.763	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	44081	9.797	ug/l #	56
57) 1,3-Dichloropropane	9.54	76	9629	2.012	ug/l #	43
59) 2-Hexanone	9.54	43	153453	38.802	ug/l #	52
74) N-amyl acetate	10.69	43	16593	2.621	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	73757	20.681	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	6273	0.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	73757	57.009	ug/l #	9

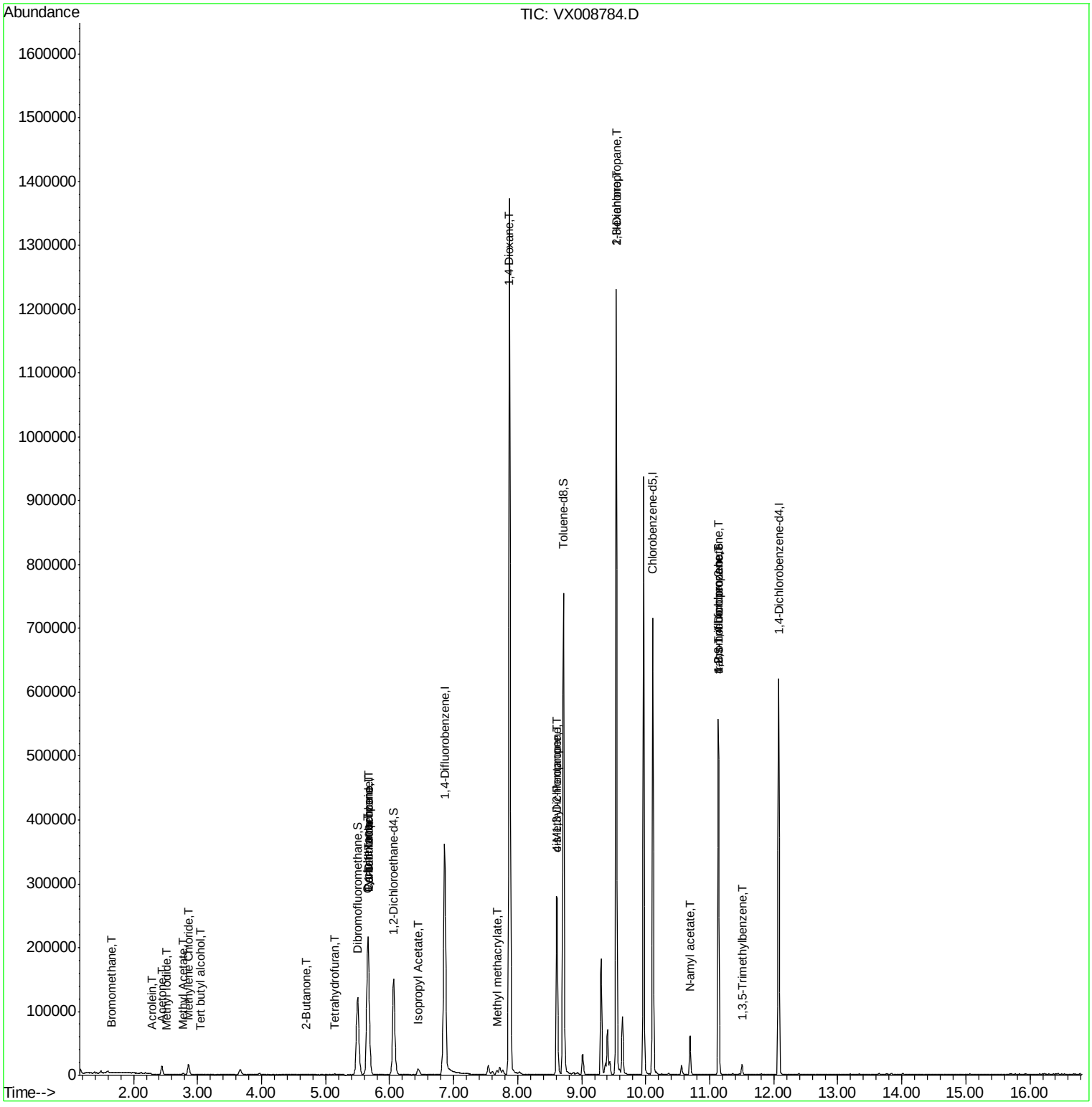
(#) = qualifier out of range (m) = manual integration (+) = signals summed

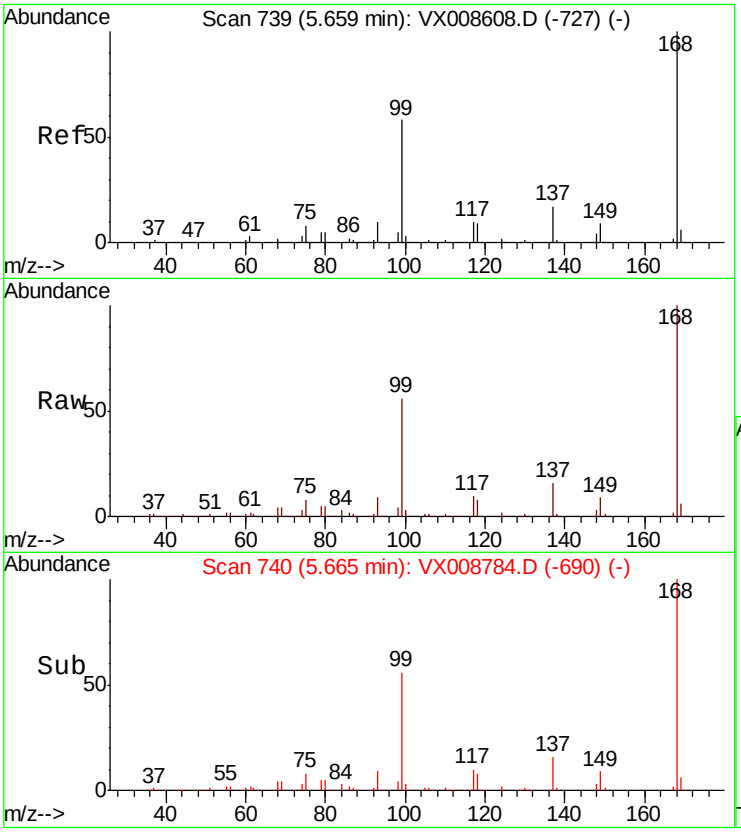
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008784.D
Acq On : 09 Apr 2019 20:29
Operator : JC/SP
Sample : PB118700TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 10 06:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



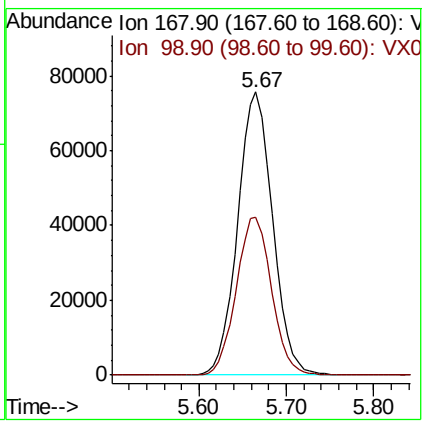


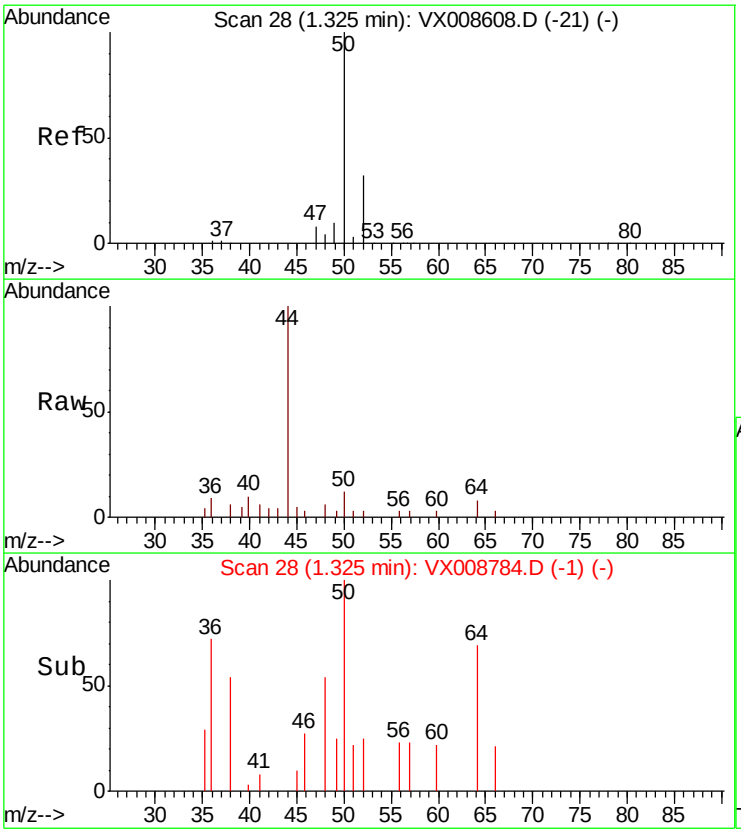
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 210324

Ion	Ratio	Lower	Upper
168	100		
99	55.7	46.7	70.1

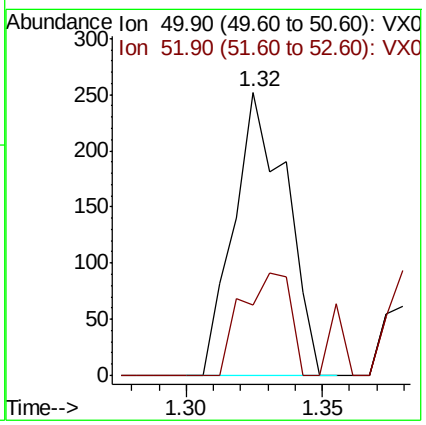


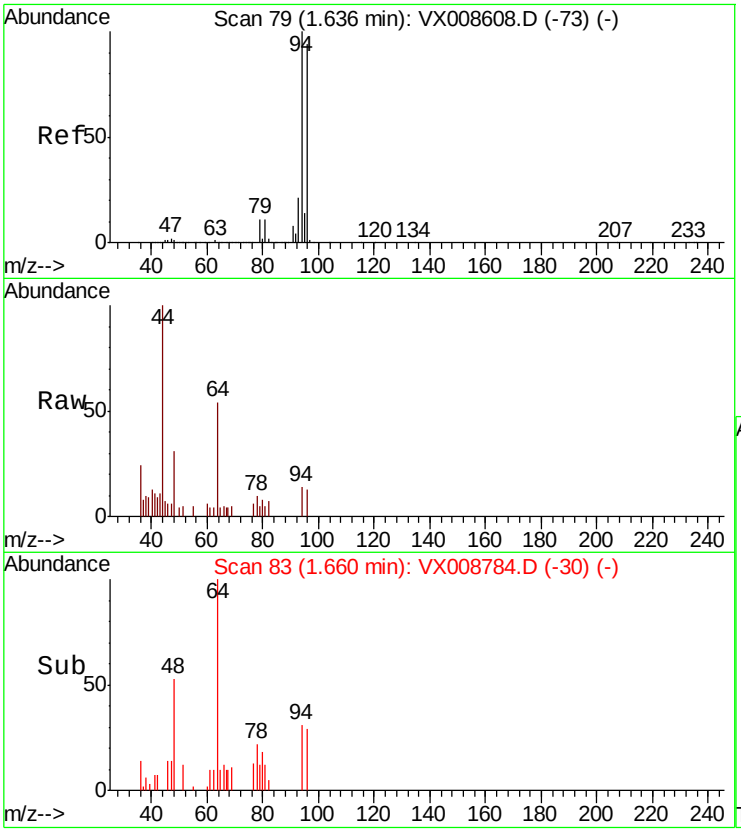


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 50 Resp: 336

Ion	Ratio	Lower	Upper
50	100		
52	25.0	25.8	38.8#



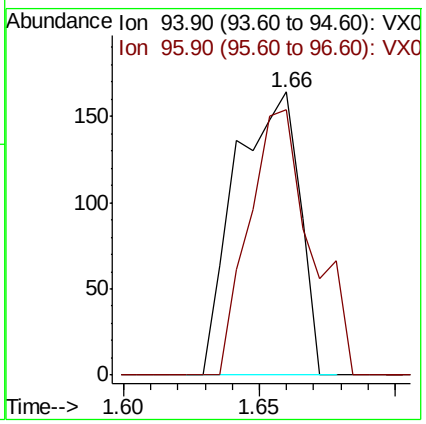


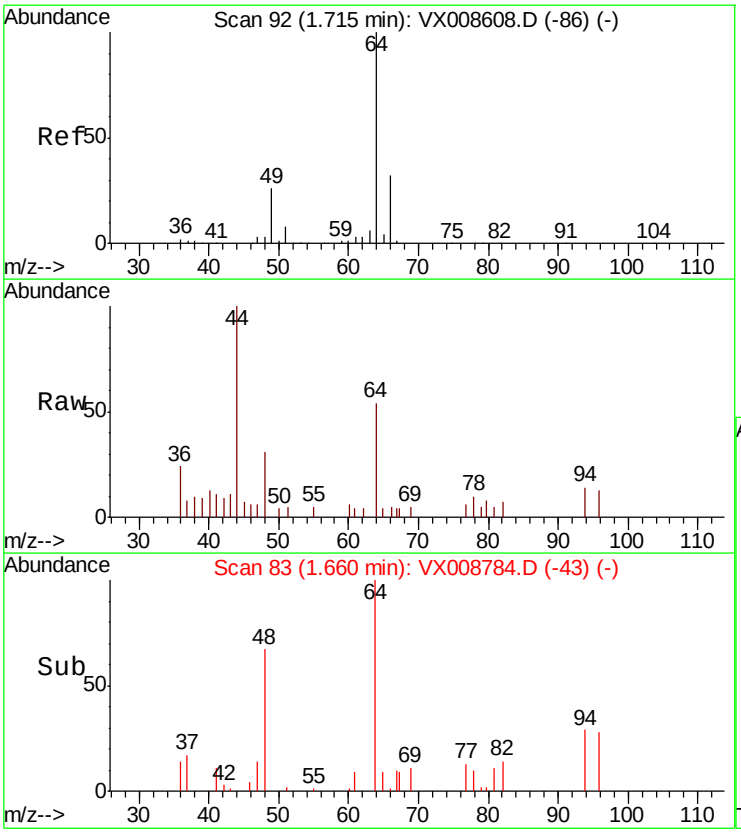
#5
Bromomethane
Concen: 2.045 ug/l
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 268

Ion	Ratio	Lower	Upper
94	100		
96	93.9	75.2	112.8

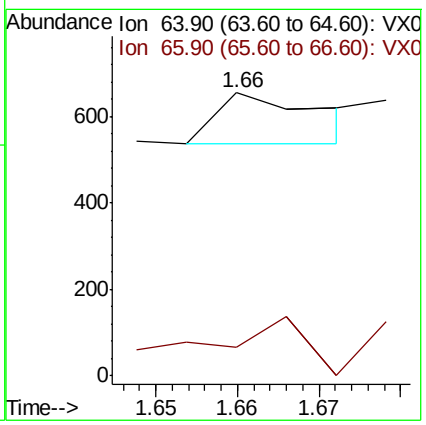


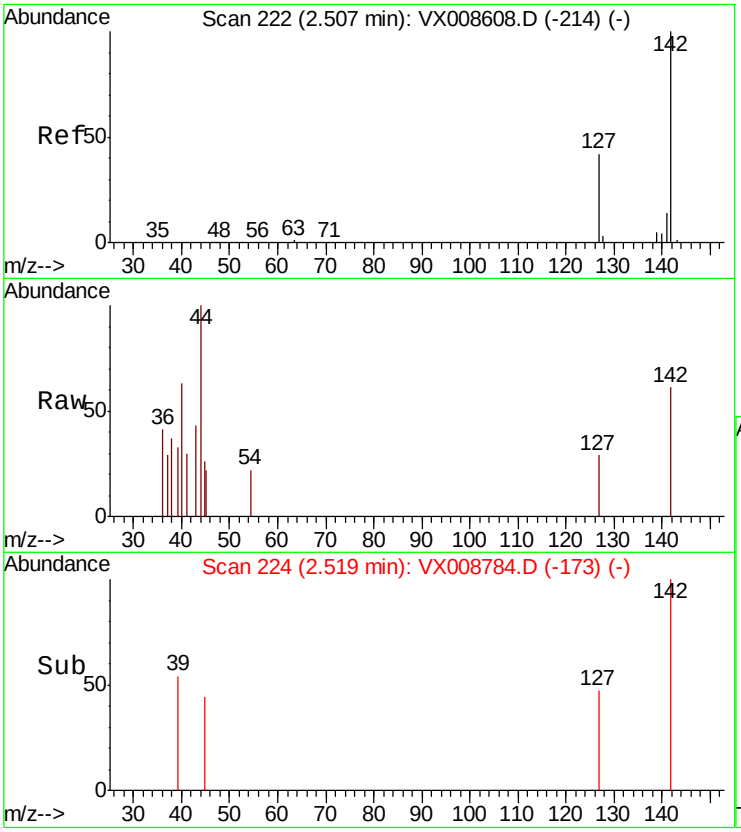


#6
Chloroethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. -0.05 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 64 Resp: 103

Ion	Ratio	Lower	Upper
64	100		
66	55.9	25.4	38.0#



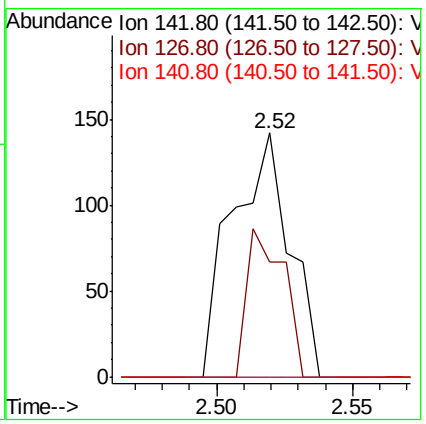


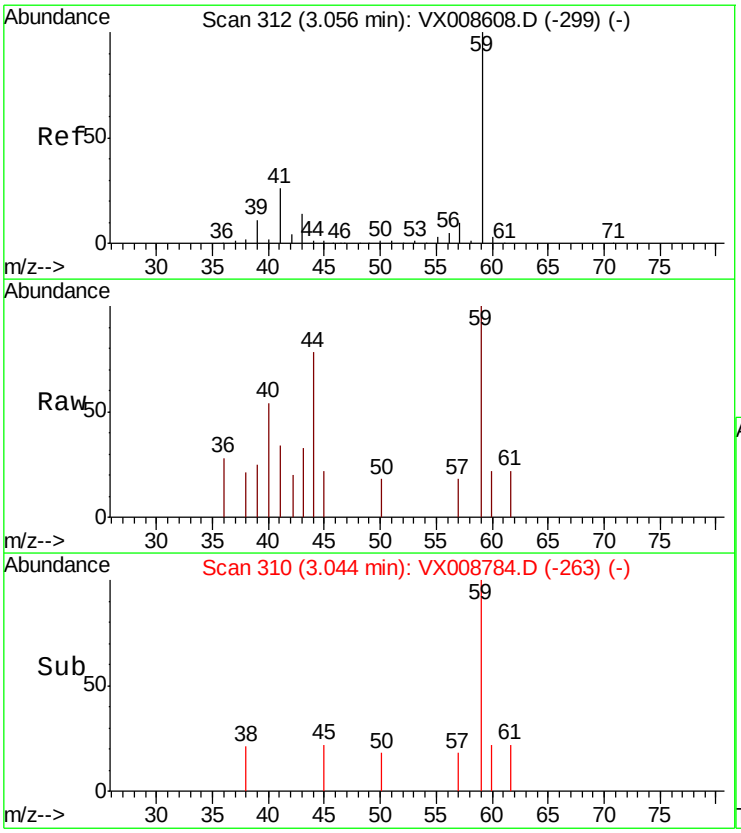
#10
Methyl Iodide
Concen: 4.093 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 208

Ion	Ratio	Lower	Upper
142	100		
127	38.5	33.0	49.6
141	0.0	11.4	17.2#

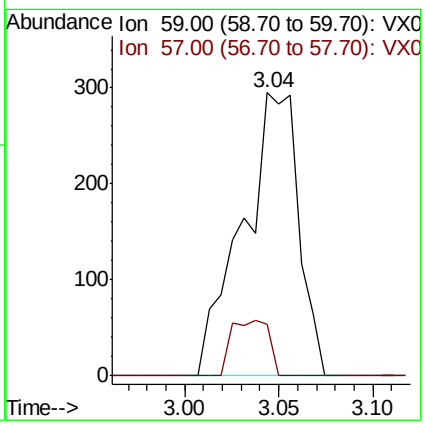


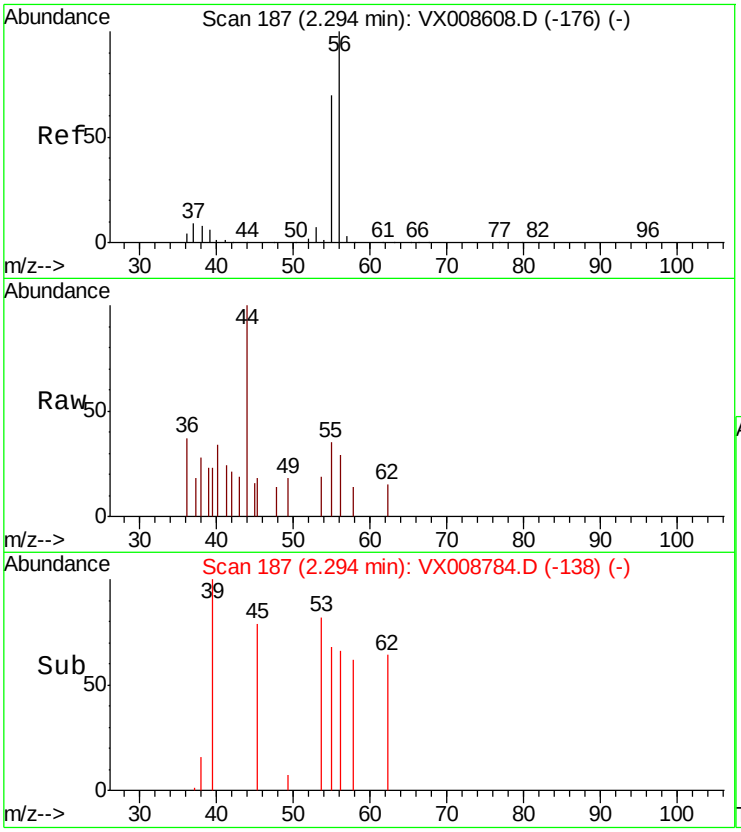


#11
Tert butyl alcohol
Concen: 0.847 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 59 Resp: 608

Ion	Ratio	Lower	Upper
59	100		
57	13.2	8.3	12.5#



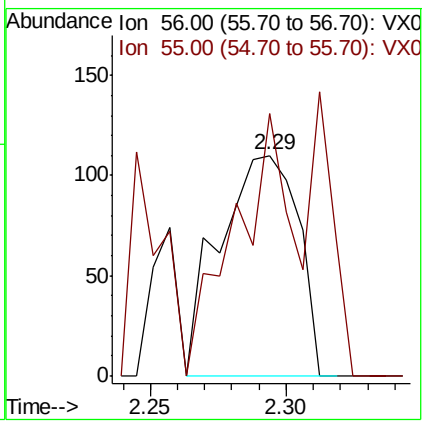


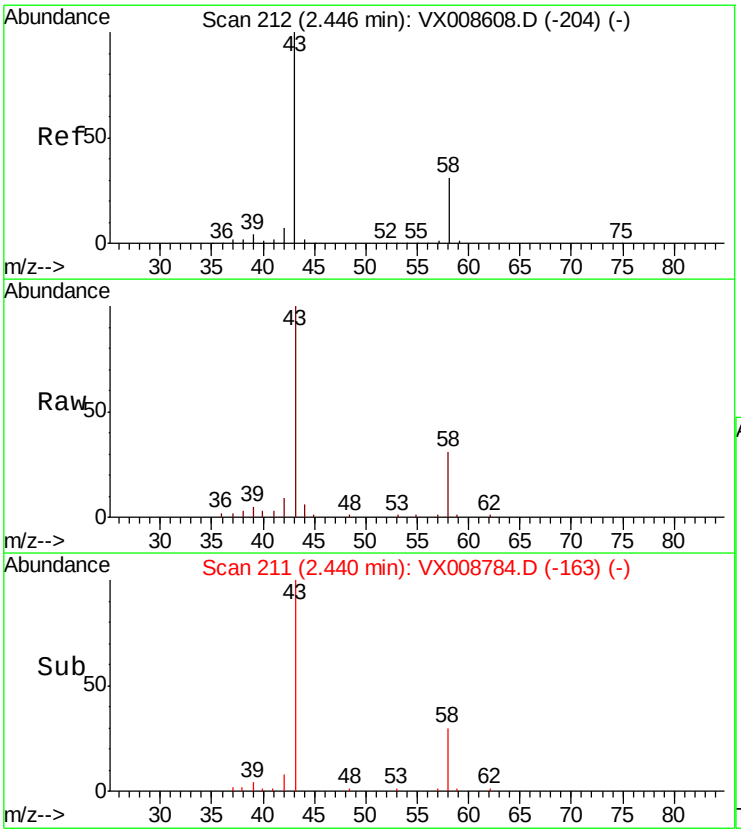
#13
Acrolein
Concen: 0.621 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 221

Ion	Ratio	Lower	Upper
56	100		
55	85.5	58.0	87.0

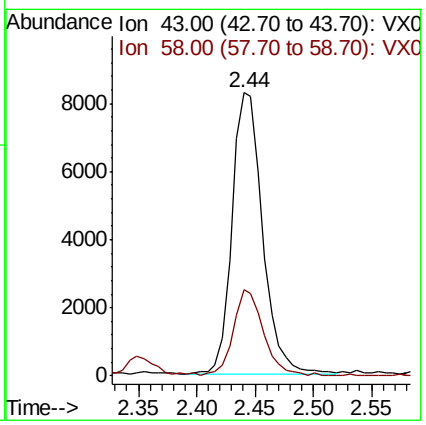


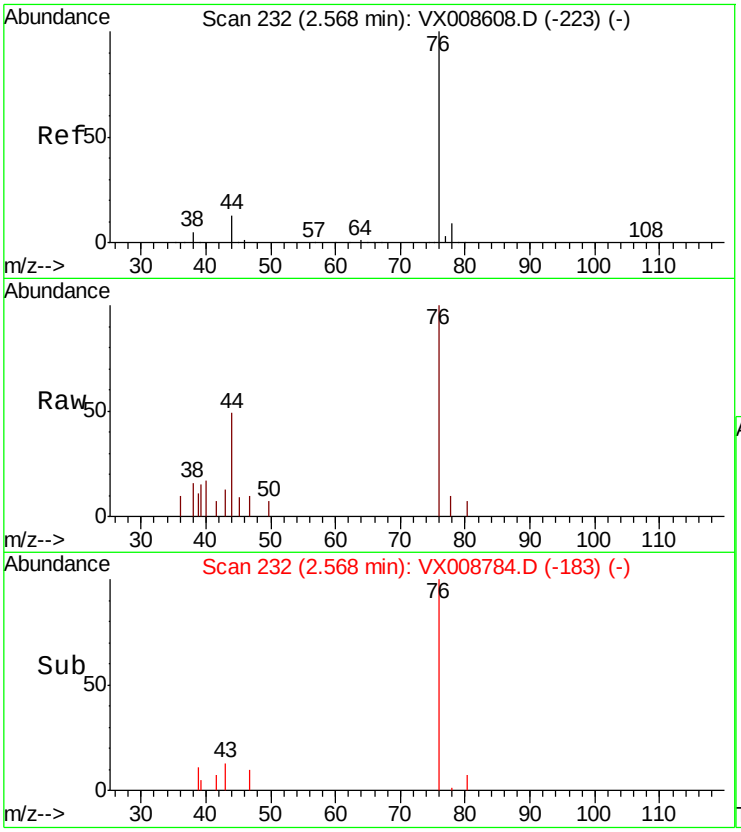


#16
Acetone
Concen: 8.500 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 15019

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.8	37.2



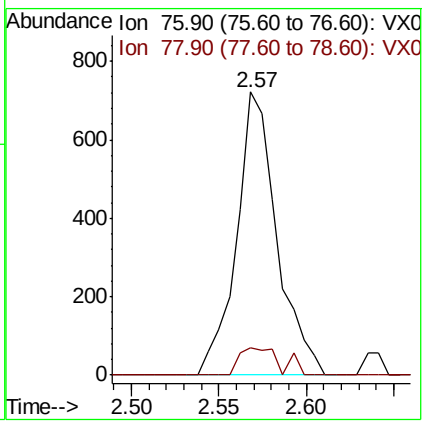


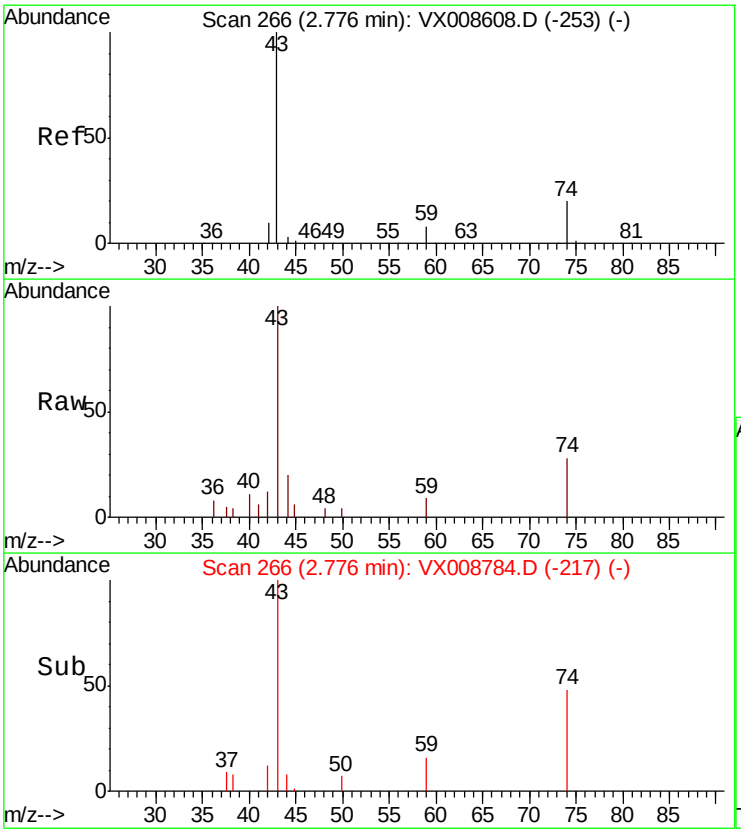
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1157

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.1	10.7

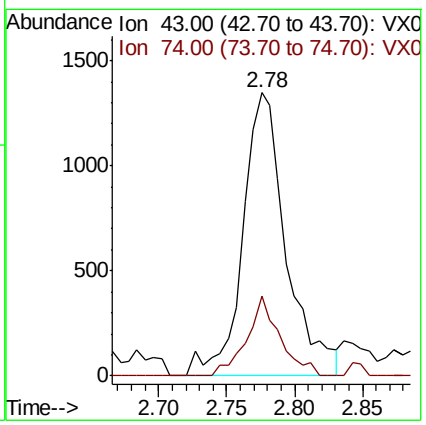


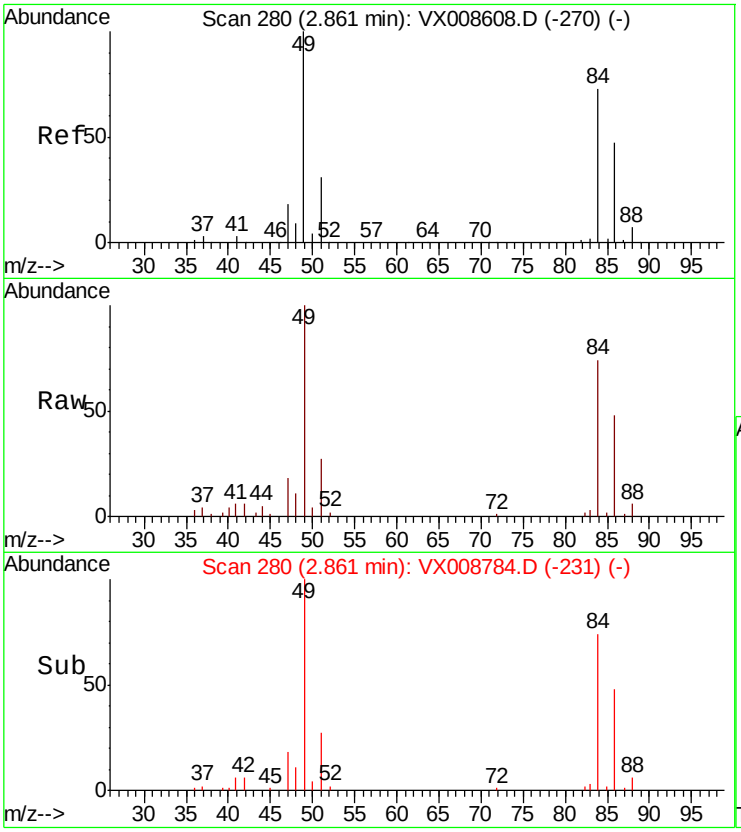


#18
Methyl Acetate
Concen: 0.704 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 3015

Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.5	24.7



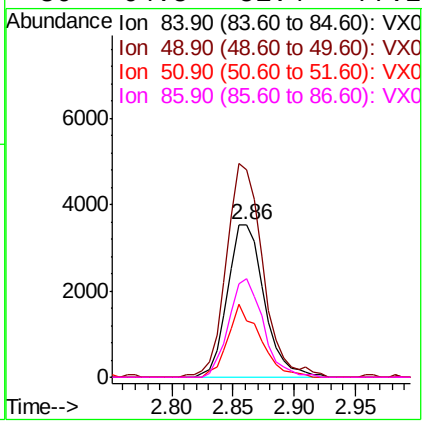


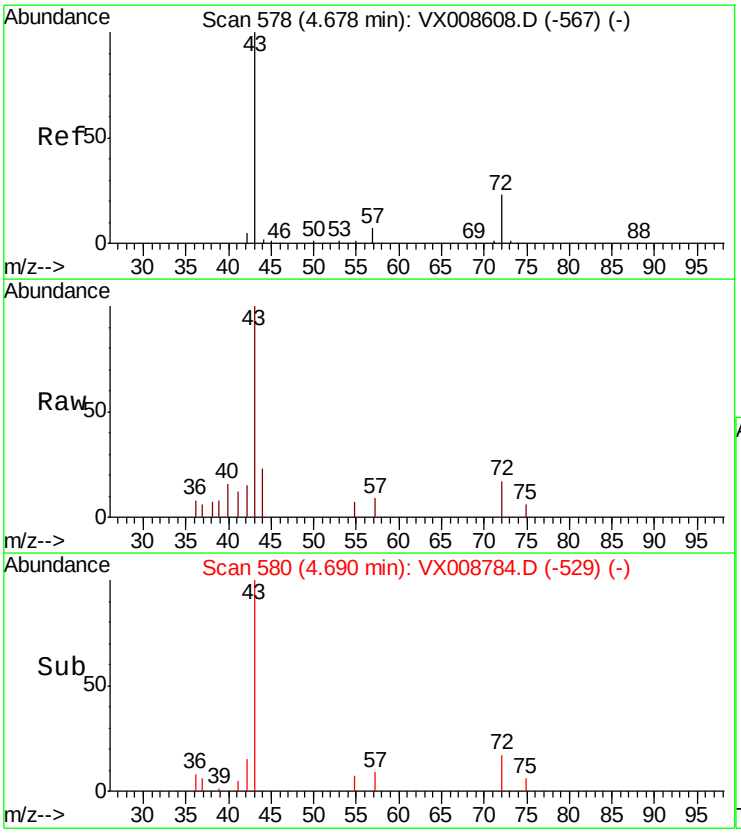
#20
Methylene Chloride
Concen: 2.484 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 7346

Ion	Ratio	Lower	Upper
84	100		
49	135.5	109.7	164.5
51	37.2	33.6	50.4
86	64.5	51.4	77.2

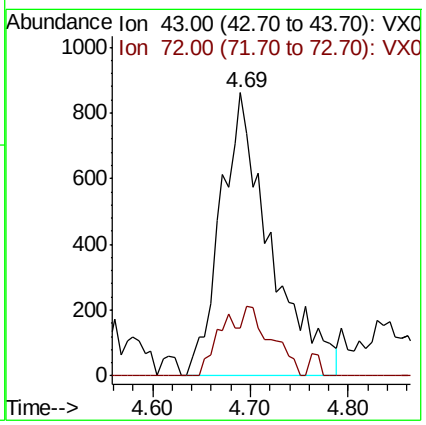


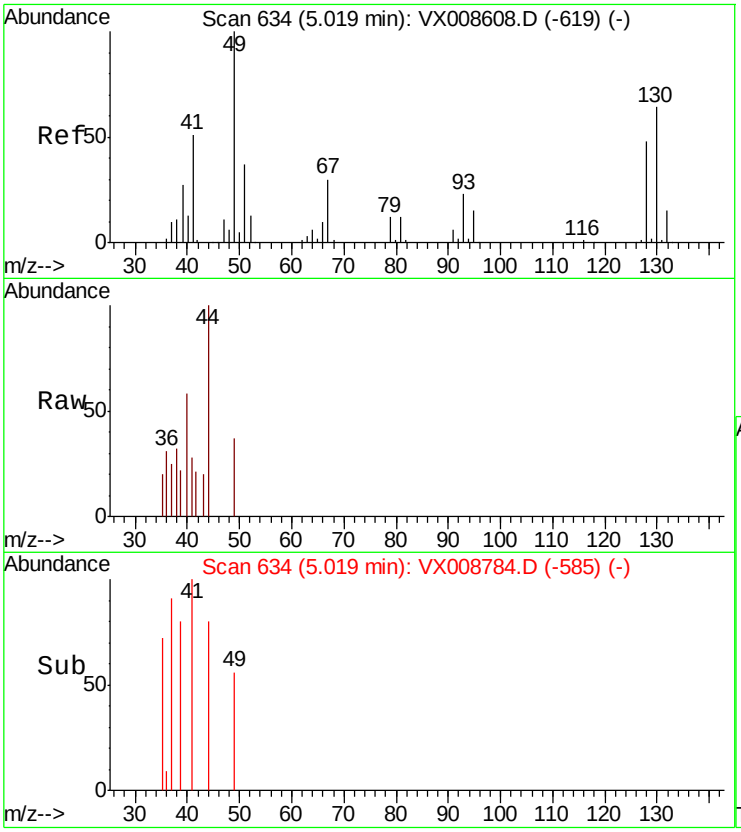


#25
2-Butanone
Concen: 1.095 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 3059

Ion	Ratio	Lower	Upper
43	100		
72	17.0	18.2	27.4#



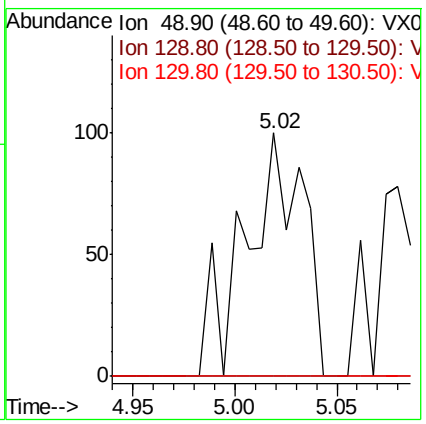


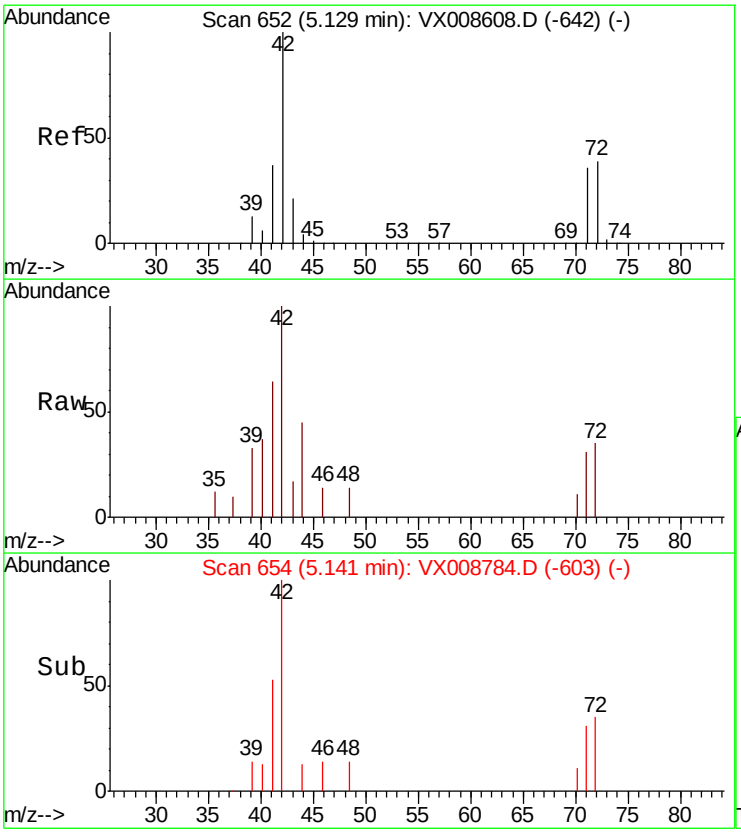
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 199

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#

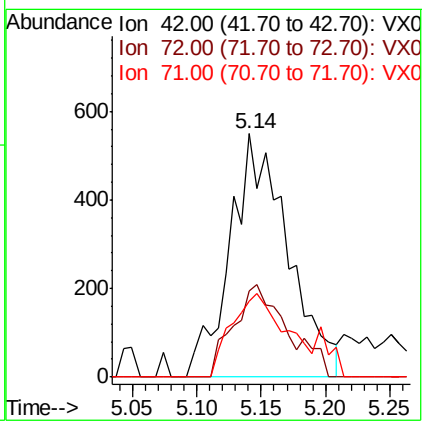


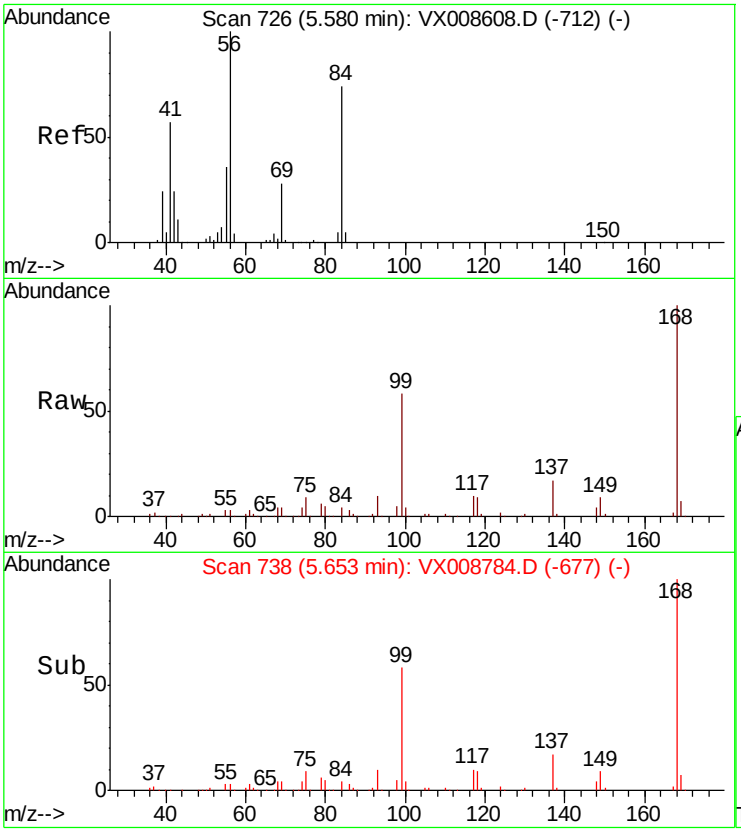


#29
Tetrahydrofuran
Concen: 0.922 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 42 Resp: 1709

Ion	Ratio	Lower	Upper
42	100		
72	35.4	30.5	45.7
71	32.7	28.6	43.0



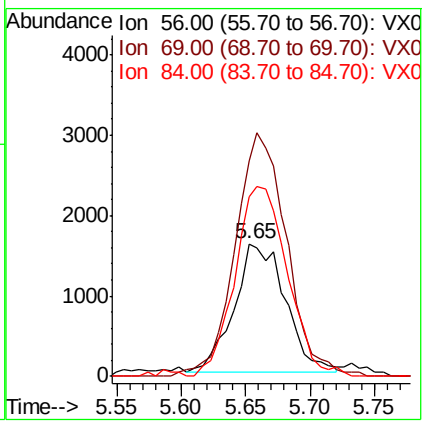


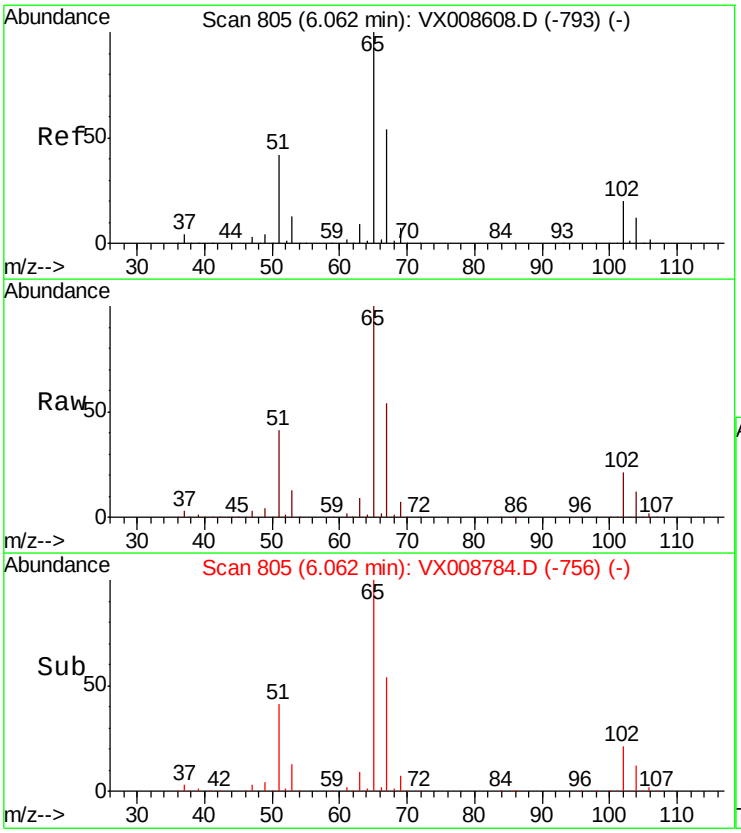
#31
Cyclohexane
Concen: 0.825 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4372

Ion	Ratio	Lower	Upper
56	100		
69	164.0	22.6	33.8#
84	140.6	59.3	88.9#

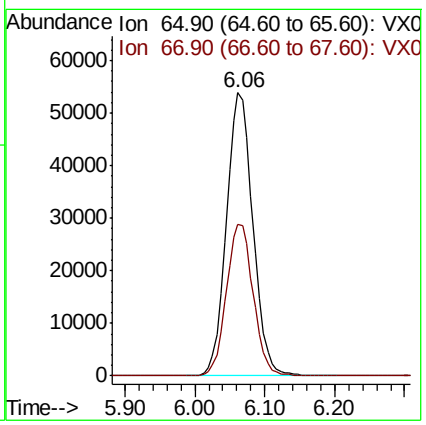


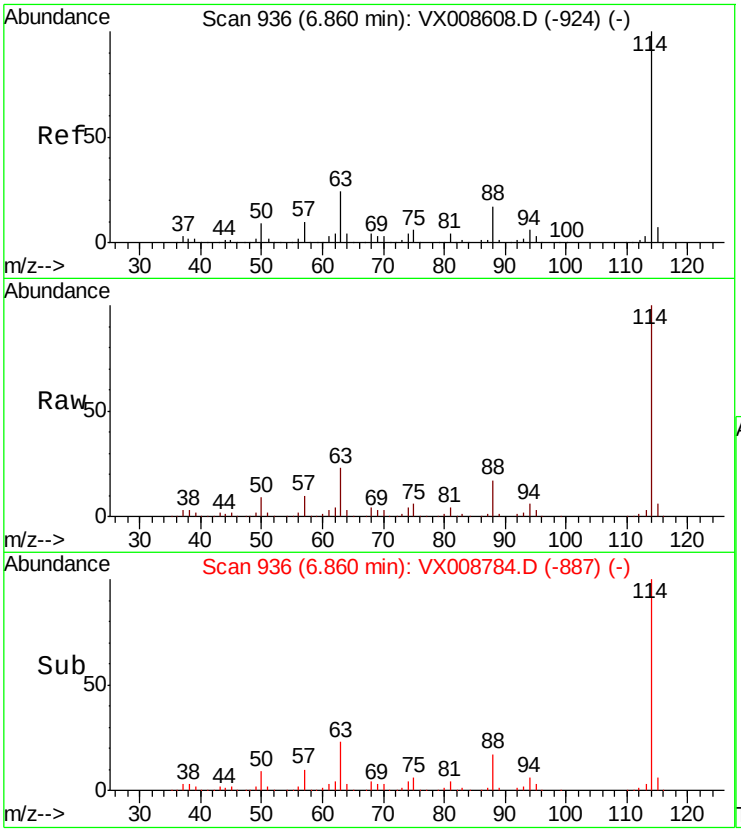


#33
1,2-Dichloroethane-d4
Concen: 46.119 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 65 Resp: 141479

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2



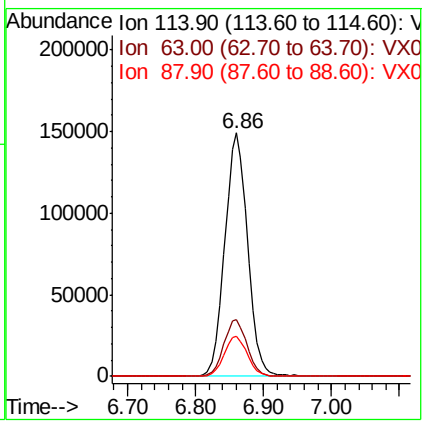


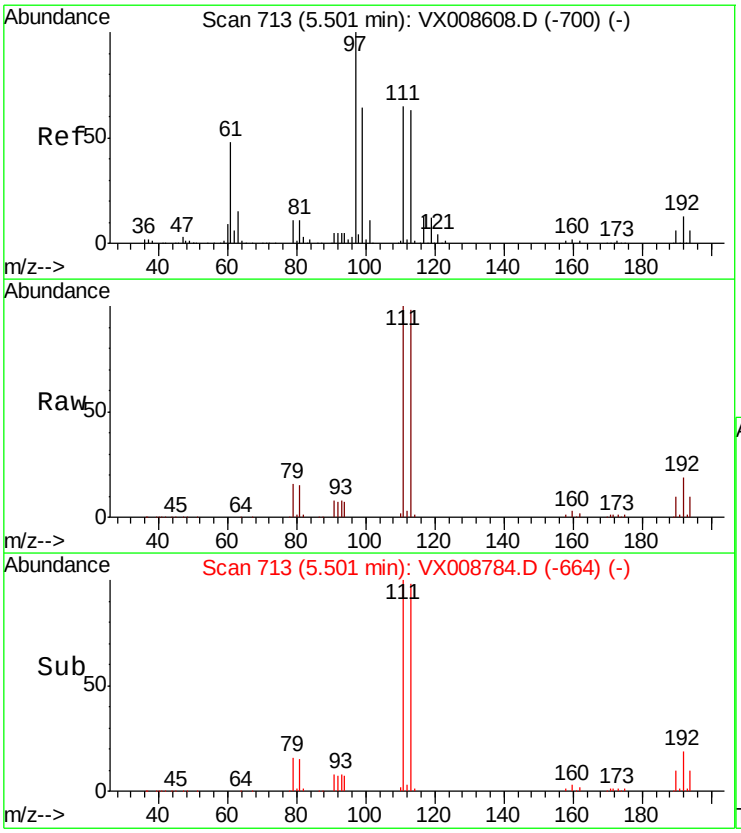
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 345865

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.2
88	16.7	0.0	34.0

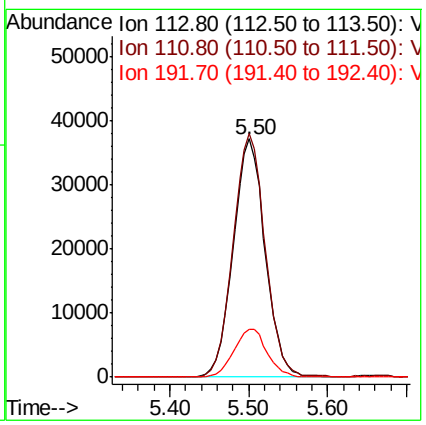


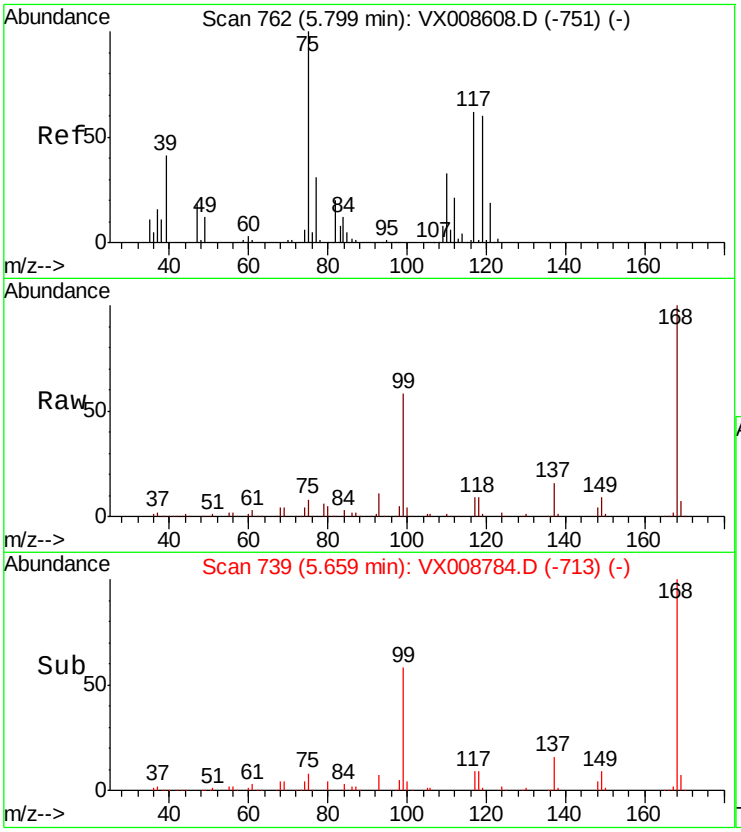


#35
Dibromofluoromethane
Concen: 47.195 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion:113 Resp: 104363

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	20.8	16.1	24.1



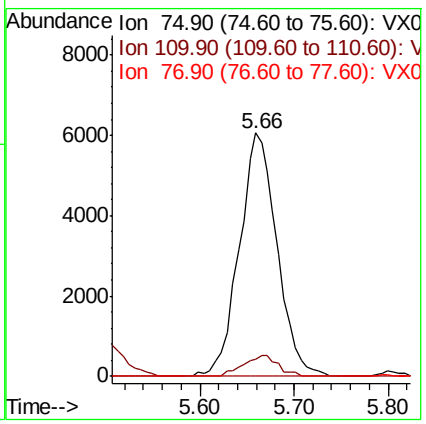


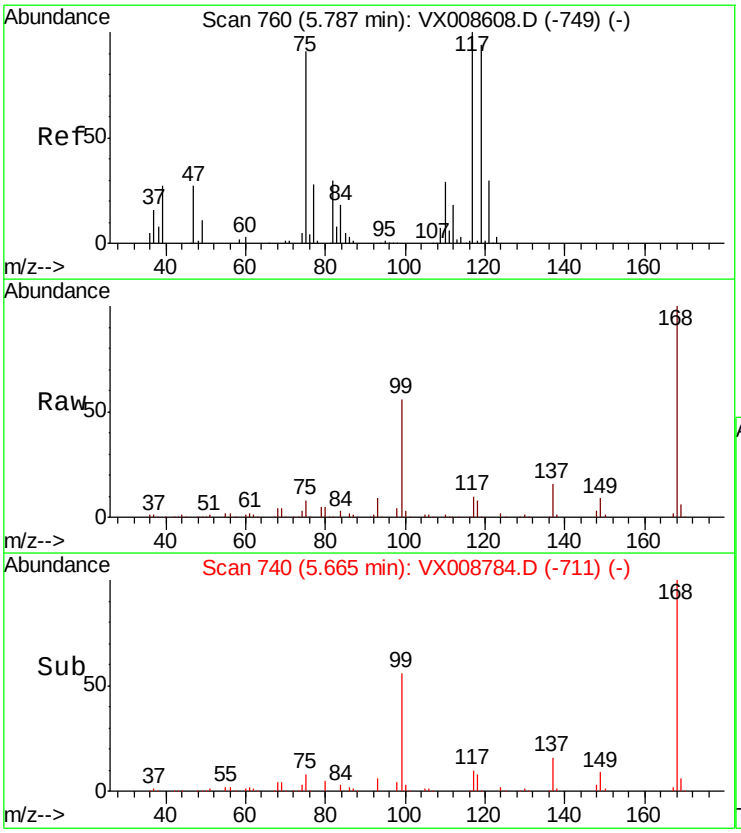
#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 16884

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.4	49.2#
77	0.0	24.7	37.1#

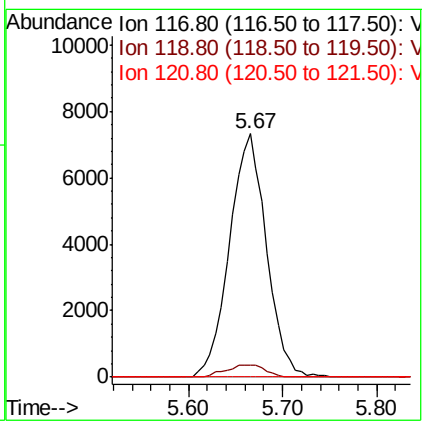


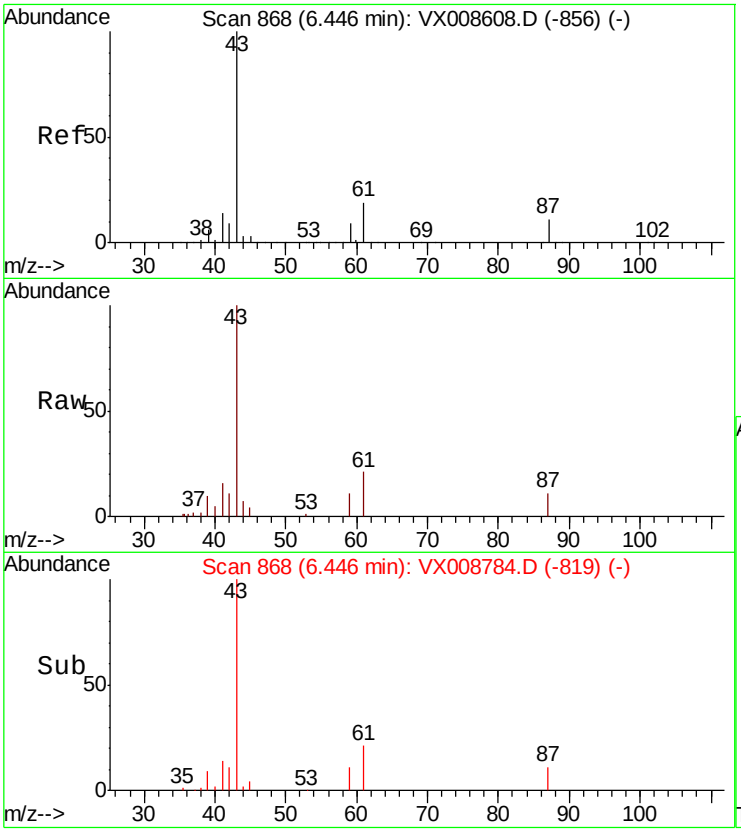


#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion:117 Resp: 19989

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.0	112.6#
121	0.0	24.3	36.5#



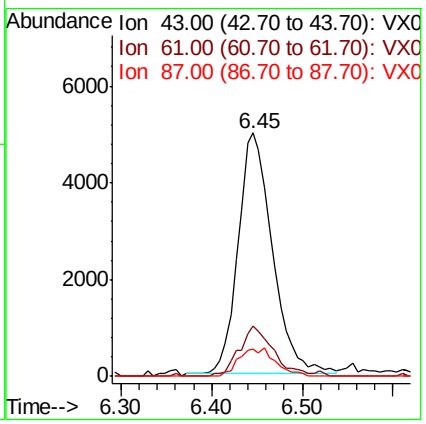


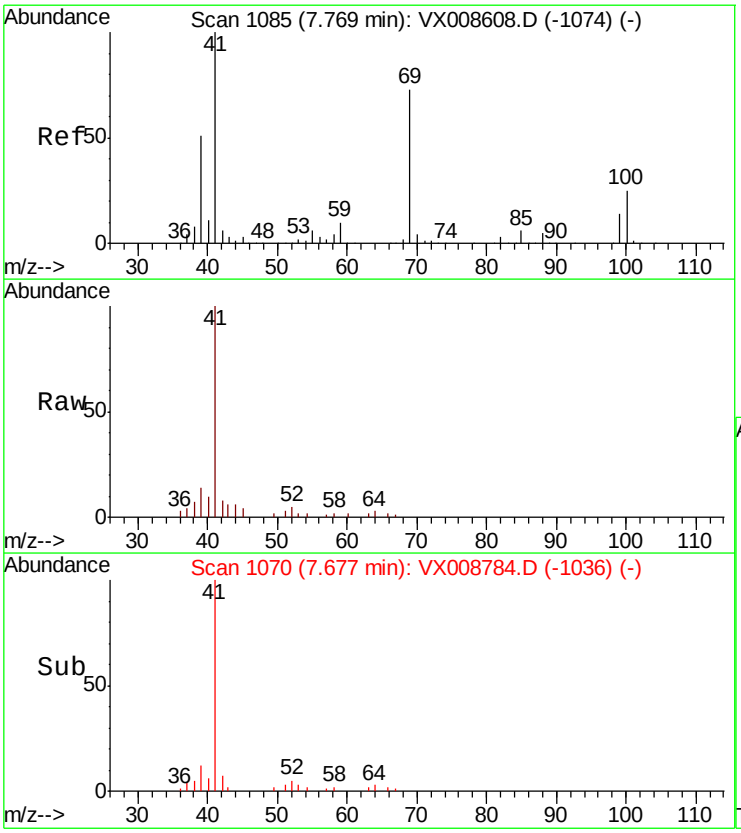
#43
Isopropyl Acetate
Concen: 1.641 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 12975

Ion	Ratio	Lower	Upper
43	100		
61	20.7	15.3	22.9
87	12.3	9.0	13.6

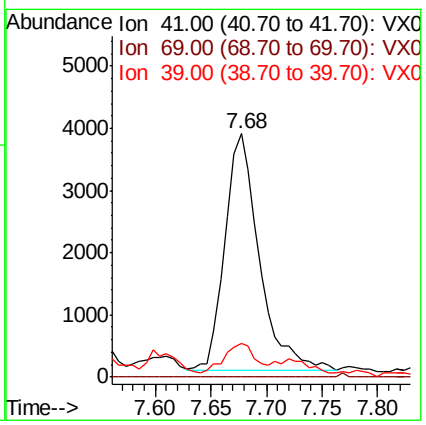


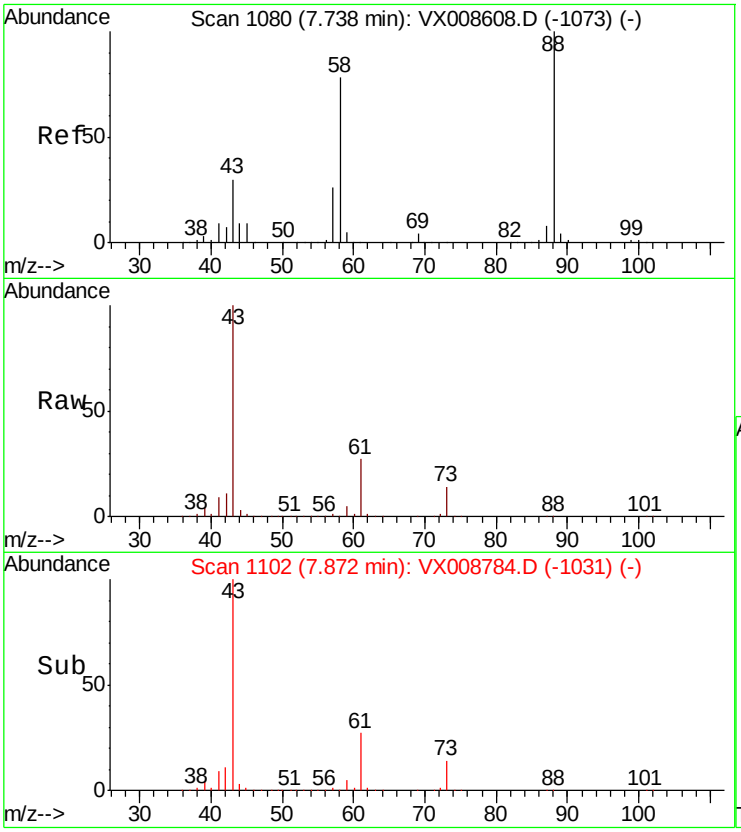


#48
Methyl methacrylate
Concen: 2.024 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 41 Resp: 8094

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.4#
39	0.0	41.0	61.4#



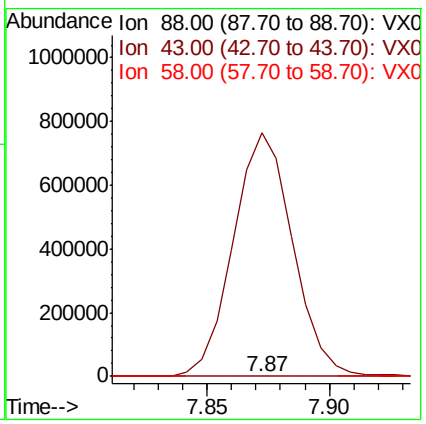


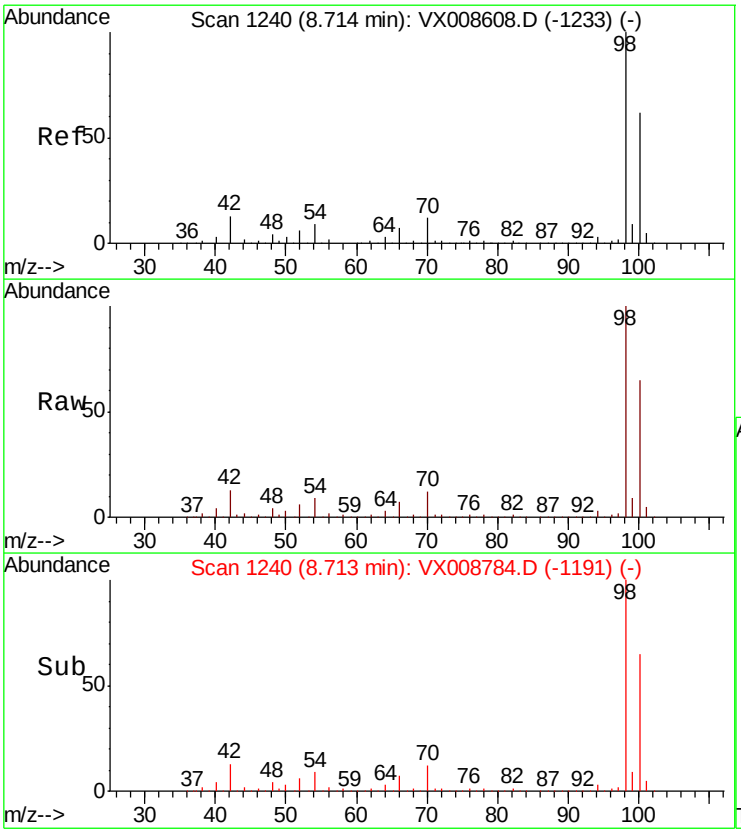
#49
1,4-Dioxane
Concen: 3.511 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 263

Ion	Ratio	Lower	Upper
88	100		
43	496046.0	28.6	43.0#
58	1766.2	62.2	93.2#

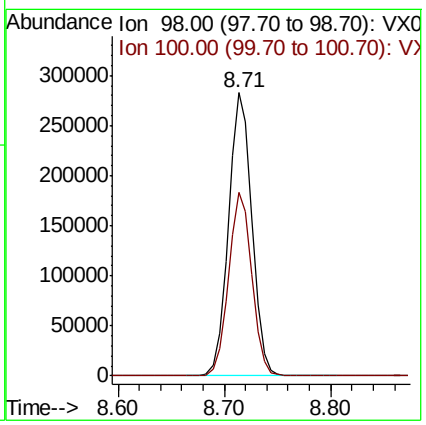


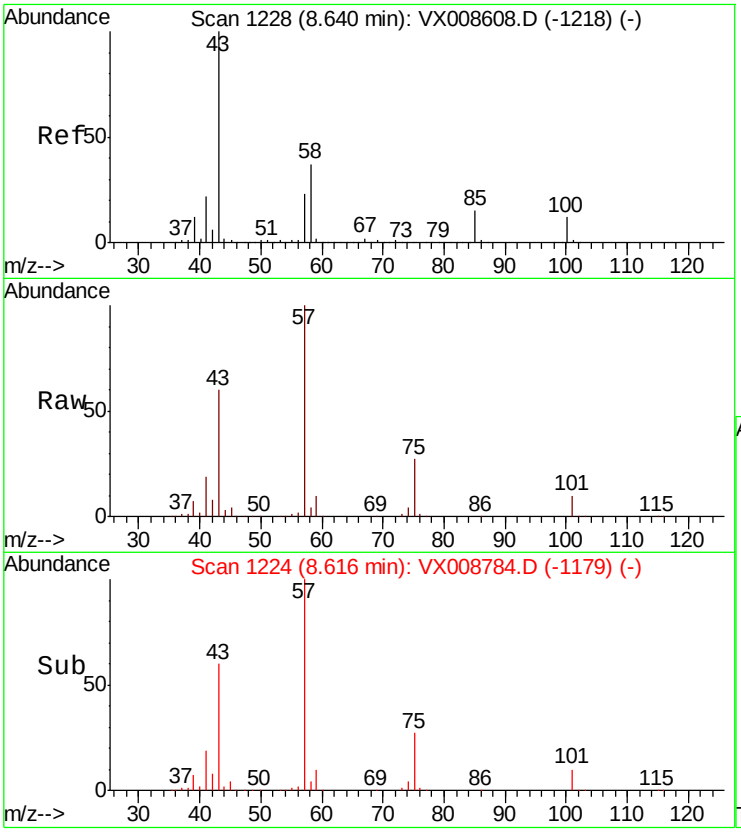


#50
Toluene-d8
Concen: 49.468 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 98 Resp: 435558

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



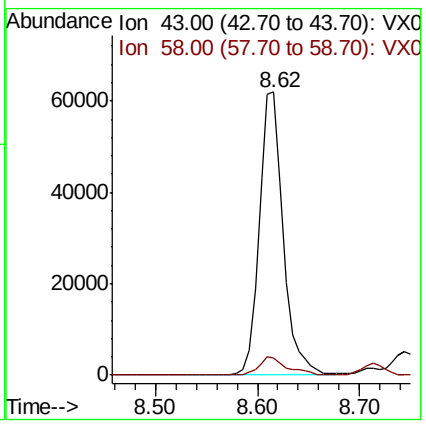


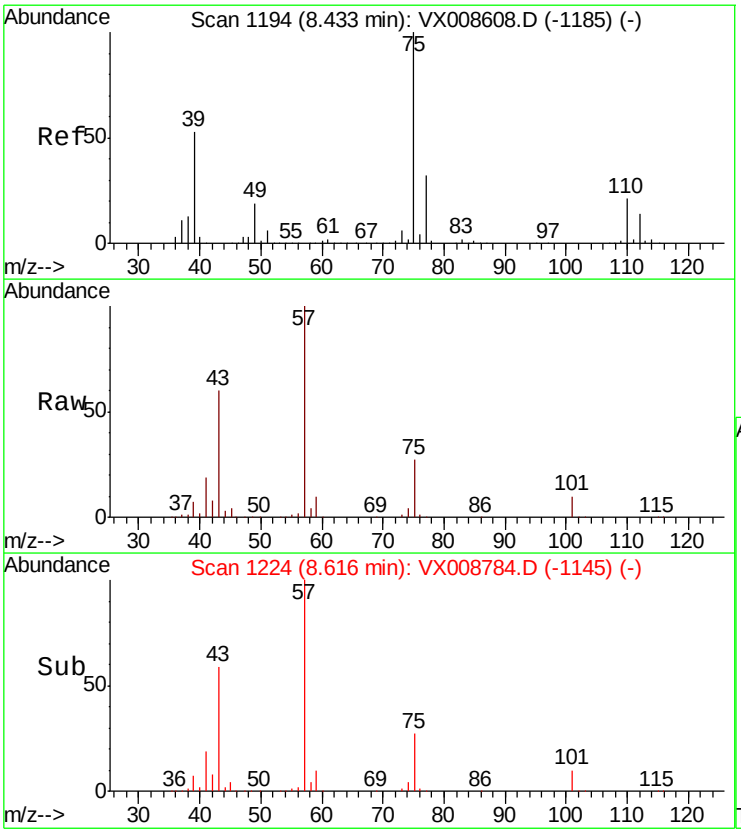
#51
4-Methyl-2-Pentanone
Concen: 19.763 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 100569

Ion	Ratio	Lower	Upper
43	100		
58	7.7	29.5	44.3#

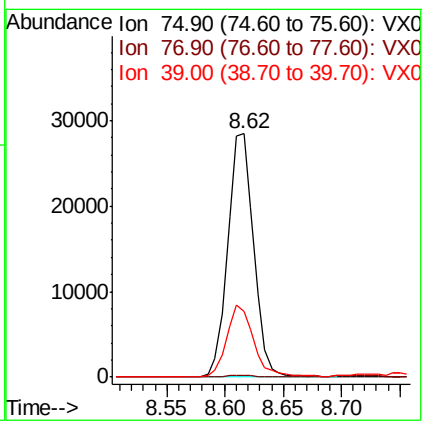


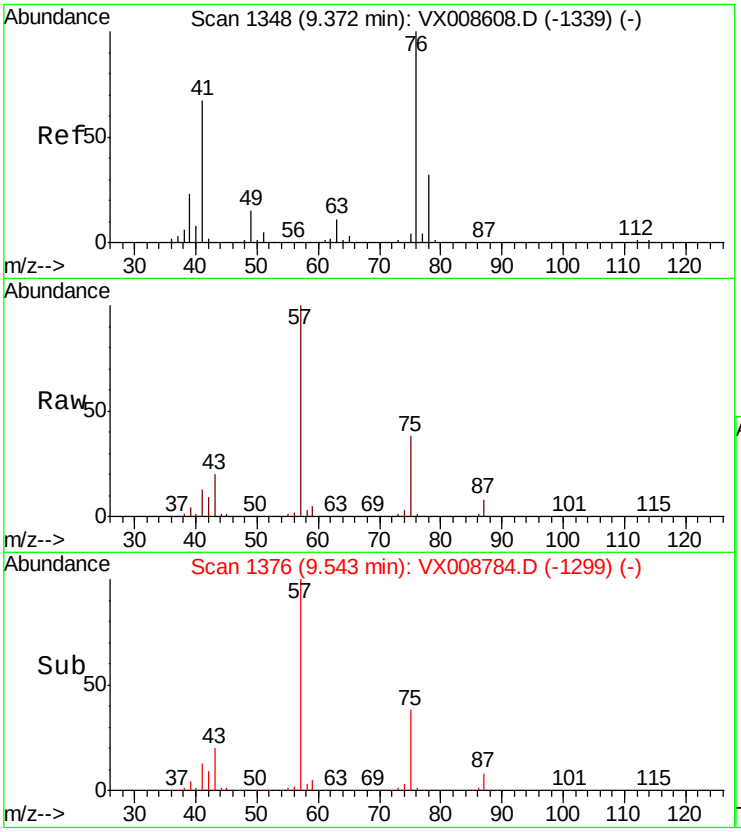


#54
cis-1,3-Dichloropropene
Concen: 9.797 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 75 Resp: 44081

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.3	37.9#
39	26.7	42.6	63.8#



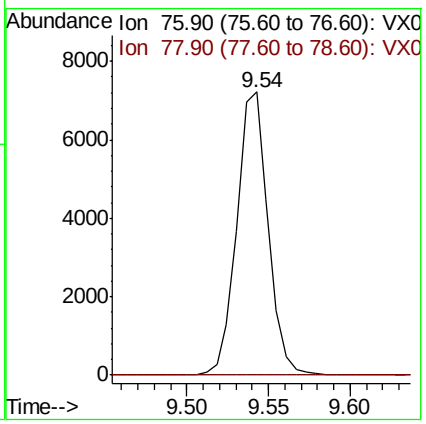


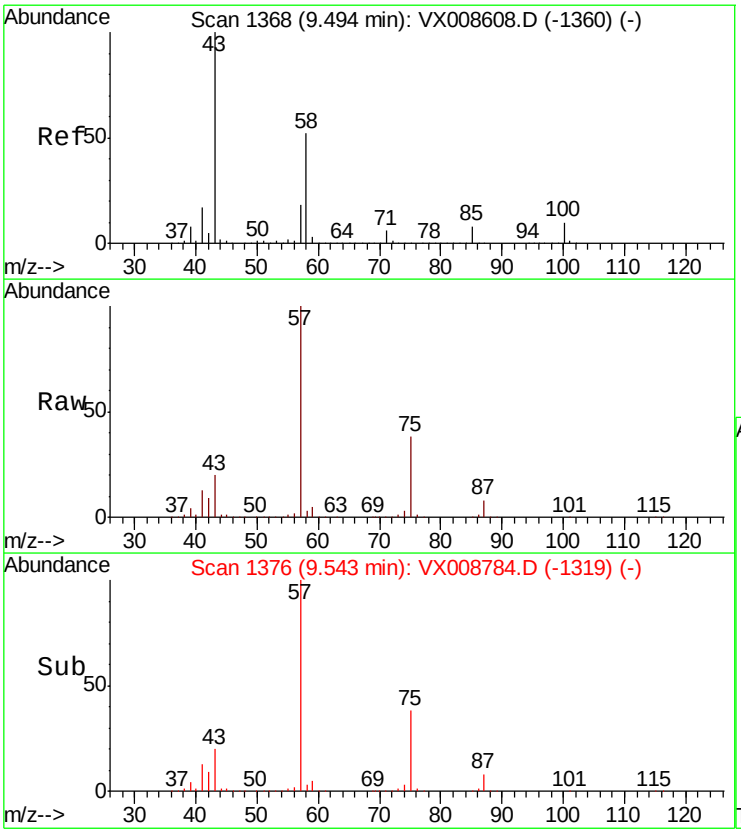
#57
1,3-Dichloropropane
Concen: 2.012 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 9629

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

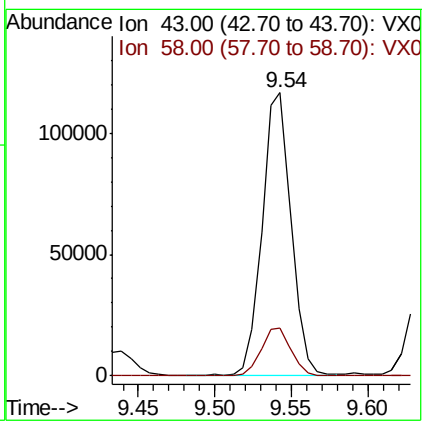


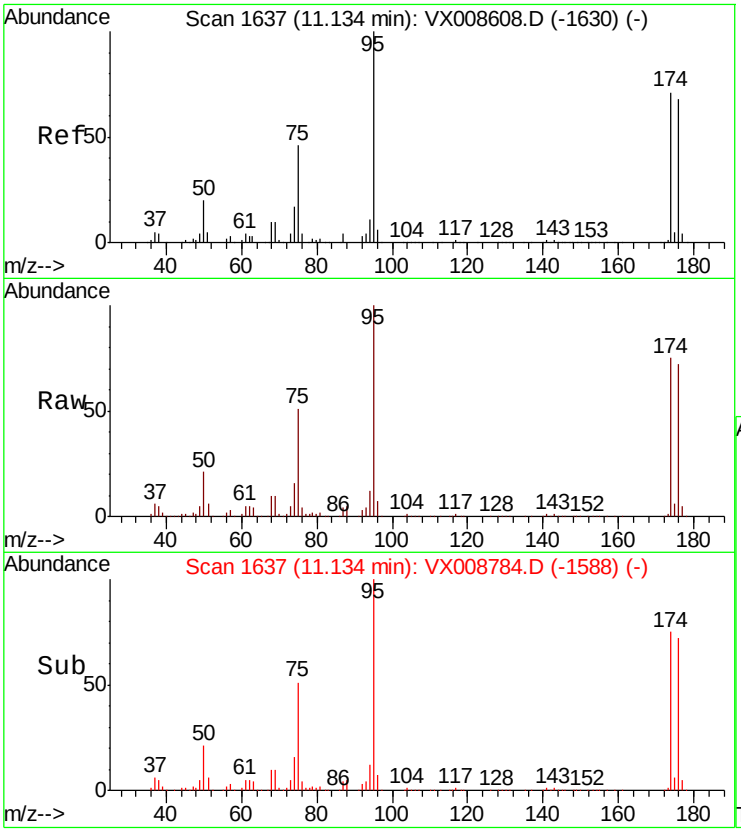


#59
2-Hexanone
Concen: 38.802 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 153453

Ion	Ratio	Lower	Upper
43	100		
58	18.0	25.9	77.7#



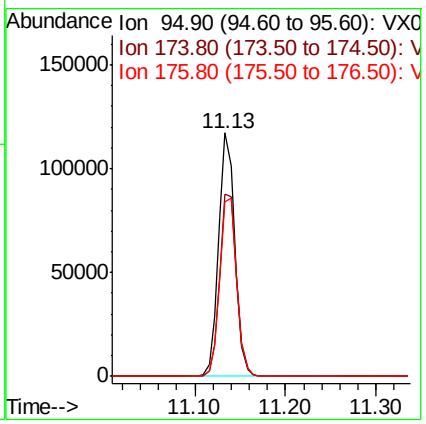


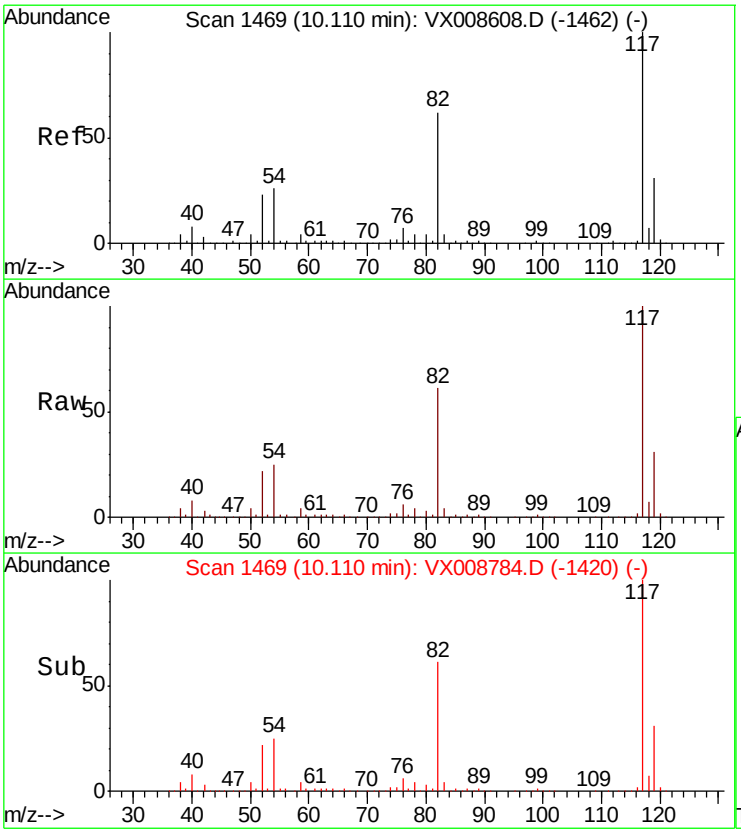
#62
4-Bromofluorobenzene
Concen: 46.716 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 145863

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	151.8
176	76.2	0.0	145.8

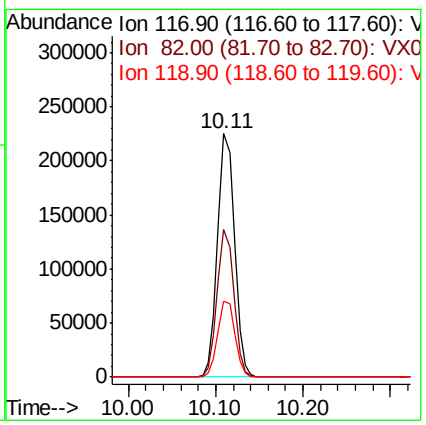


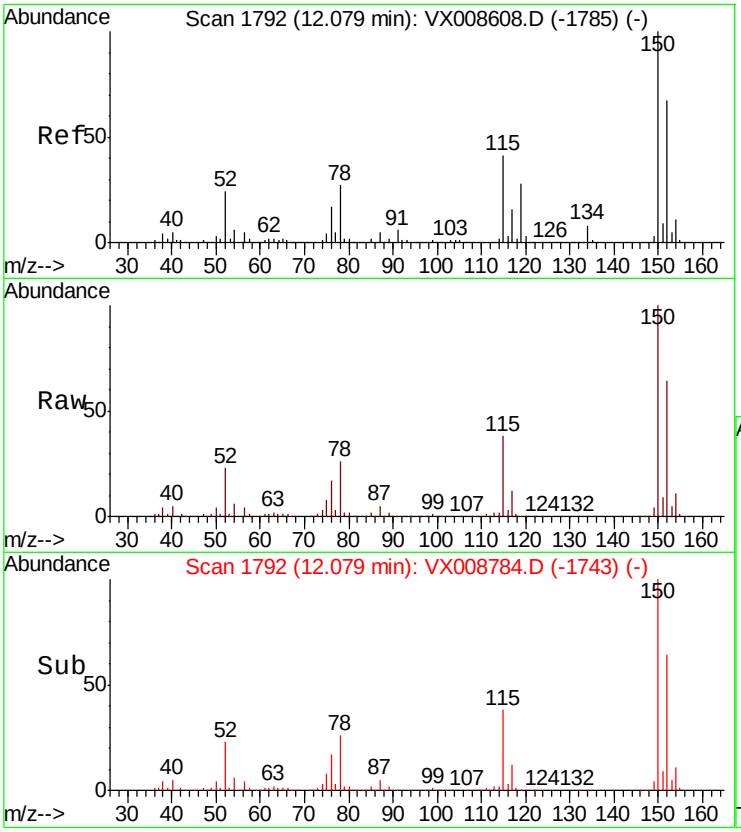


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion:117 Resp: 303052

Ion	Ratio	Lower	Upper
117	100		
82	60.5	49.6	74.4
119	31.3	25.0	37.4



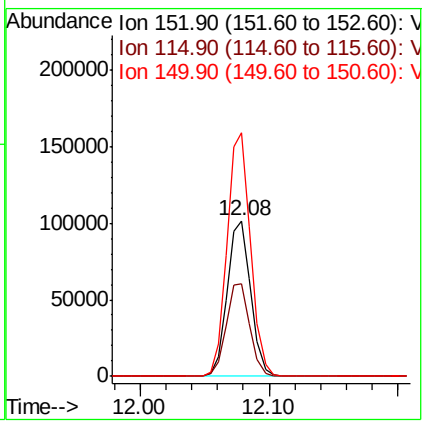


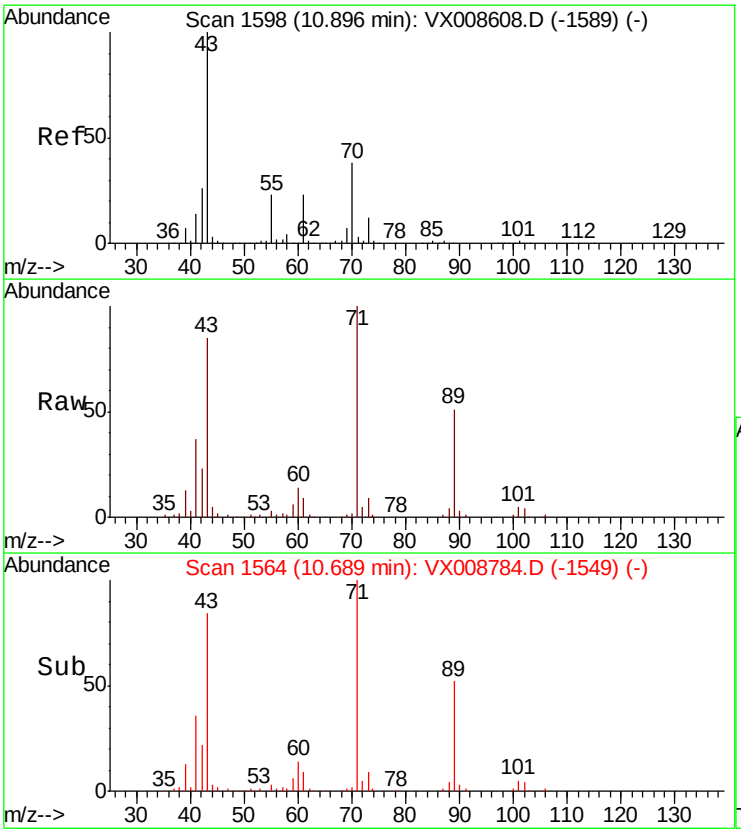
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 129823

Ion	Ratio	Lower	Upper
152	100		
115	60.1	43.5	130.5
150	157.2	0.0	348.8

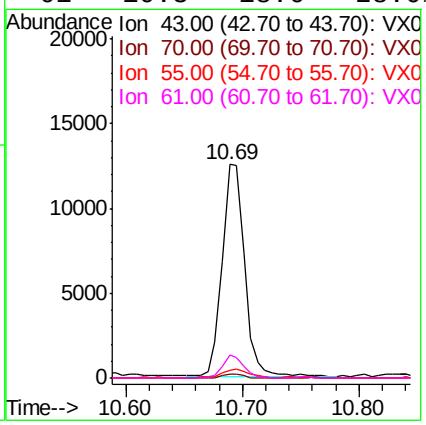


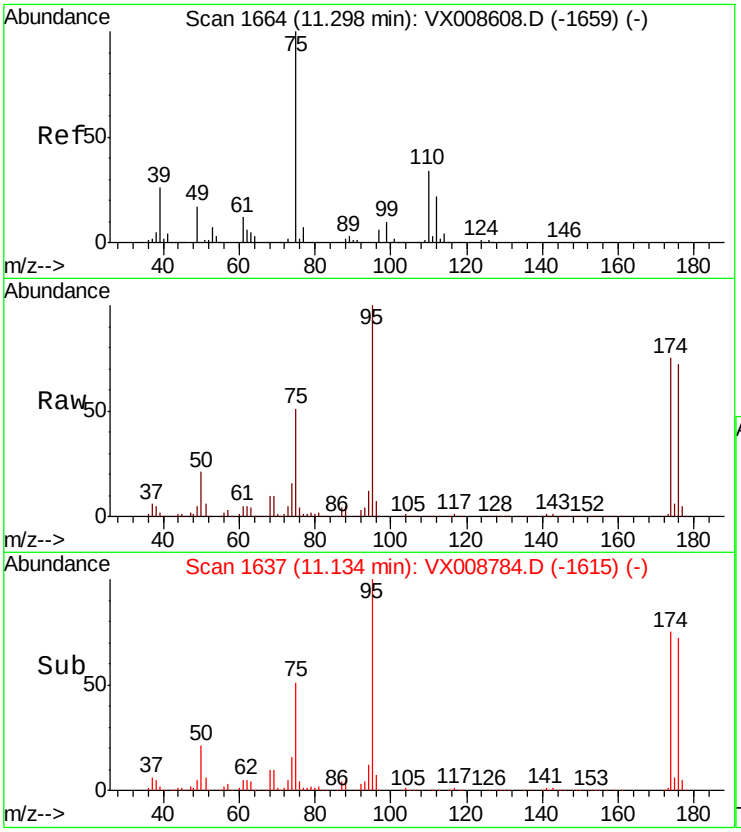


#74
N-amyl acetate
Concen: 2.621 ug/l
RT: 10.69 min Scan# 1564
Delta R.T. -0.21 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 16593

Ion	Ratio	Lower	Upper
43	100		
70	1.8	30.2	45.4#
55	5.1	18.2	27.4#
61	10.3	18.6	28.0#



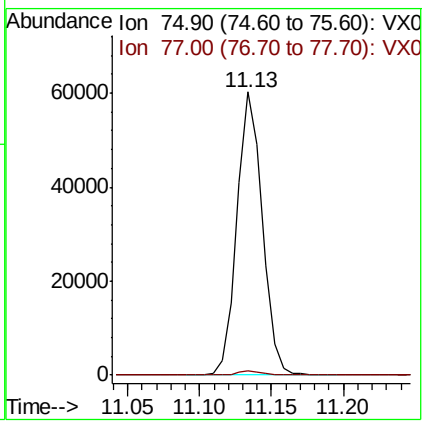


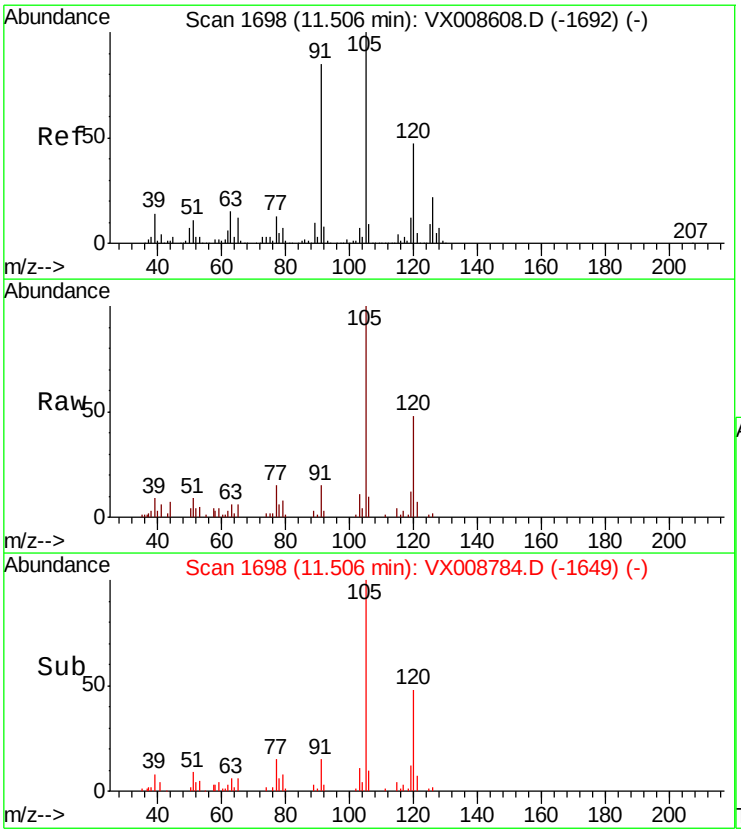
#76
1,2,3-Trichloropropane
Concen: 20.681 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 73757

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#

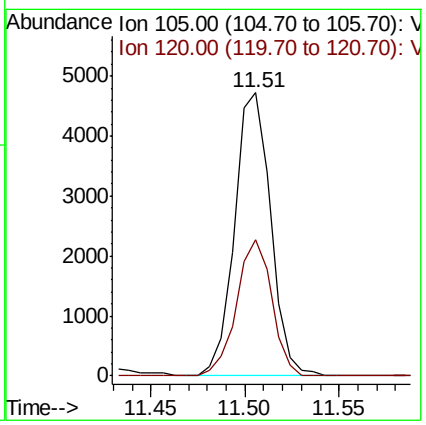


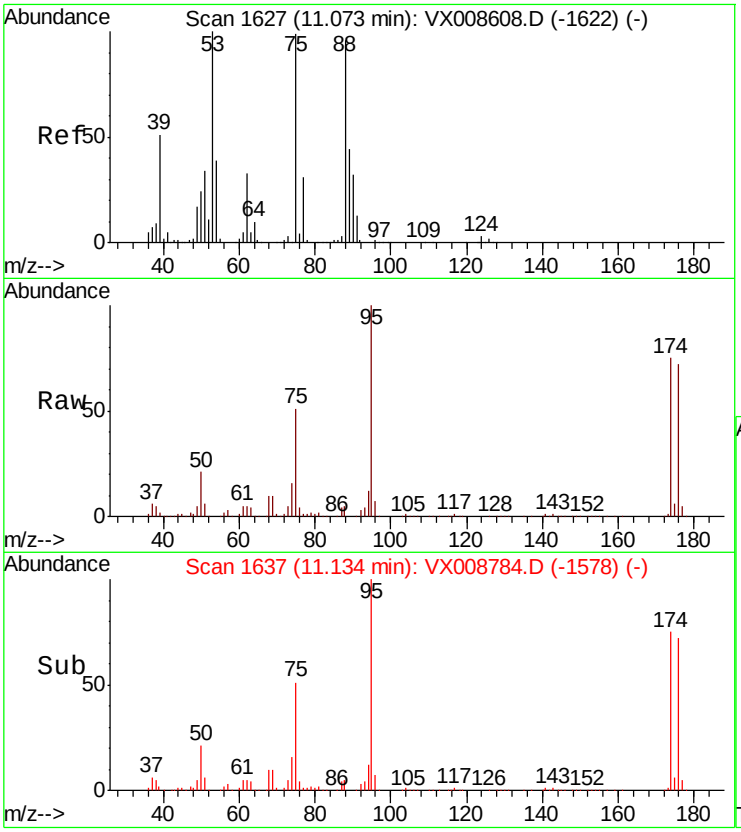


#80
1,3,5-Trimethylbenzene
Concen: 0.695 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion:105 Resp: 6273

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.5	70.6





#81
trans-1,4-Dichloro-2-butene
Concen: 57.009 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 73757

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.3	121.9#
89	0.0	35.6	53.4#